

CRYPTOGAMIC SOCIETY

OF

SCOTLAND.



THIRTY-THIRD
ANNUAL CONFERENCE,
DRUMNADROCHIT.

1908.

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Cryptogamic Society of Scotland.

THE THIRTY-THIRD CONFERENCE of the CRYPTOGRAMIC SOCIETY of SCOTLAND was held at Drumnadrochit, Inverness-shire, from the 15th to the 17th September 1908. The place of meeting was Mr. Macdonald's Hotel. On this occasion the Society was joined by the British Mycological Society, and the union of the Societies added to the pleasure and profit of each. The district is rich in fungi, and much assistance was derived by both Societies from the guidance of Mr. Angus Grant, whose home is in Drumnadrochit, and who has discovered many interesting fungi there. The weather on the whole was favourable, and the foray proved to be in every way a successful one.

The first day's outing was to the woods round Beaufort Castle, for the investigation of which permission had been kindly granted by Lord Lovat. Here many interesting plants were found, and Mr. A. Cowan picked up a *Tricholoma* new to science, of which a full description and plate are given in the Transactions of the British Mycological Society for 1908. It has been named *Tricholoma luteocitrinum*, Rea. Among other noteworthy finds was that of *Dianema corticatum*, Lister, the third time it has been detected in Britain, and *Cribraria pyriformis*, Schrad, not before recorded for Scotland, and not hitherto certainly found in England. Both these discoveries fell to Mr. W. B. Allen. Miss A. Lorrain Smith was fortunate in discovering *Stictis fimbriata*, Schwein., on pine cones, a discomycete new to the British Fungus Flora. In addition to these specially interesting plants, a large number of other fungi were found, which appear in their proper order in the accompanying

list. The weather was propitious, and the beauty of the surroundings added much to the enjoyment of the excursion.

In the evening both Societies were entertained to dinner at Balmacaan by Mr. Bradley Martin, President of the Scottish Society, who gave them a cordial welcome in an interesting speech. His health was drunk with acclamation, and he was thanked for his hospitality.

Next day, Wednesday, September 16th, the excursion was to the woods and grounds of Balmacaan, under the guidance of Mr. Grant, who proved of great service from his knowledge of the ground. Here, among other interesting finds, were detected *Leptonia euchroa*, Fr.; *Nolanea icterina*, Fr.; *Inocybe cincinnata*, Fr.; *Inocybe hystrix*, Fr.; *Hypholoma dispersum*, Fr.; *Collybia semitalis*, Fr.; *Cortinarius variicolor*, Fr.; *Cortinarius armillatus*, Fr.; *Tremella tubercularia*, Berk.; *Lactarius vietus*, Fr., and *fuliginosus*, Fr.; *Trogia crispa*, Fr.; *Psathyra semivestita*, B. and Br.; *Pistillaria puberula*, Berk.; *Cordyceps ophioglossoides*, Link; *Hypocrea fungicola*, Karst.; *Ramularia ajugae*, Sacc., and *Phyllosticta mahoniana*, Sacc.

In the evening both Societies held their business meetings after dinner. The Scottish Society appointed their next Annual Conference to be held at a convenient date towards the end of September 1909 at Stranraer, where they had met once before, in 1894. The Right Hon. Sir Herbert Maxwell, Bart., was appointed President for 1909; Mr. Scott Elliot, B.Sc., F.L.S., Vice-President; Rev. Dr. Paul and Mr. W. C. Crawford, F.R.S.E., were re-appointed Hon. Secretary and Hon. Treasurer respectively, and the following additional Members of Council were chosen:—Dr. A. W. Borthwick; Miss Miles; Messrs. W. B. Boyd, D. A. Boyd, R. B. Johnstone, J. R. Macgregor, and J. A. Rennison. Four new members were elected as ordinary Fellows, viz.:—Miss Drummond Hay, Seggieden, Perth; Mr. A. B. Motherwell, Rosemount, Airdrie; Mr. Thomas Horne,

18 Gilmour Street, Paisley, and Lieut.-Colonel J. C. Lamont, I.M.S. (retired), Lecturer in Histology, University College, Dundee. Votes of thanks were unanimously passed to Lord Lovat and Mr. Bradley Martin for their courtesy in permitting the Society to visit their woods and grounds at Beaufort Castle and Balmacalan. Miss Miles, Mr. Angus Grant and Mr. Rennison, were appointed local secretaries for their respective districts.

On Thursday, 17th September, after the first part of the forenoon had been devoted to identifying and arranging the finds of the previous day, the Societies visited together the woods at Borlum. Here Mr. Grant conducted the party to the spot where he had formerly discovered *Tricholoma decorum*, Quél., and some fine plants of it were found. Mr. Grant was the first (1905) to find this fungus in Britain. It is *Pleurotus decorus* of Fries. Among other fungi found were *Hydnum imbricatum*, Linn.; *Armillaria robusta*, Fr.; *Tricholoma portentosum*, Fr. and *equestre*, Fr.; *Lactarius sanguifluus*, Fr.; *Polyporus brumalis*, Fr.; *Bulgariella pulla*, Karst.; *Uromyces orobi*, Wint. and *anthyllidis*, Schröt.; *Puccinia circaeae*, Pers.; *Tilletia decipiens*, Schröt.; *Hygrophorus agathosmus*, Fr.; *Pholiota erebia*, Fr., and *Physarum viride*, Pers. Mr. W. B. Allen found here also the rare *Dianema corticatum*, List.

On the following day those of the party who had not returned home drove down Loch Ness to the Lennie Woods, where several interesting and uncommon things were found, among which may be mentioned *Lactarius scrobiculatus*, Fr.; *Pholiota caperata*, Fr.; *Hygrophorus russo-coriaceus*, B. and Br.; *Cortinarins largus*, Fr., and *bivelus*, Fr.; *Cantharellus muscigenus*, Fr.; *Myrcena aricula*, Fr.; *Syntrichium succisae*, de Bary and Wor.; *Helvella lacunosa*, Afzel., and *elastica*, Bull., and *Entoloma rhodopolium*, Fr.

Over 580 species were collected in all, and the largeness of the number is due, not only to the fact that the district is prolific in

fungi, but still more to the fact that the party was numerous, and that several of its members were experts in one branch or other of mycology. The following complete list has been supplied by the kindness of Mr. Carleton Rea, and is identical with that published in the Transactions of the British Mycological Society. The Cryptogamic Society of Scotland acknowledge their indebtedness to him, and also to Miss A. Lorrain Smith and Mr. D. A. Boyd for their lists of micro-fungi. Mr. Boyd sent in a list of 150 species, and Miss Smith has determined two new moulds found by Messrs. Rea and Allen in the Divach Woods, *Tilachlidium subulatum*, A.L.Sm., and *Monilia humicola*, Oud. var. *brunnea*, A.L.Sm. Miss Smith also records from the Beaully Woods, *Myxococcus pyriformis*, A.L.Sm. This is the only British member of the group myxobacteriaceae. It had been found by her once before in North Wales on rabbit dung.

Note.—In the published list of fungi reported as found at the Pitlochry Meeting in 1906 was included *Xerotus degener*, Fr., as having been gathered at Bonskeid. This entry was made in error, and the name should be deleted from the list.

COMPLETE LIST OF FUNGI GATHERED DURING THE FORAY.



Amanita—

phalloides (Vaill.) Fr.
mappa (Batsch) Fr.
muscaria (Linn.) Pers.

pantherina (DC.) Fr.
rubescens, Fr.

Amanitopsis—

vaginata (Bull.) Roze.

fulva (Schæff.) W.Sm.

Lepiota—

procera (Scop.) Fr.
rhacodes (Vitt.) Fr.
gracilentia (Krombh.) Fr.
clypeolaria (Bull.) Fr.

cristata (A. & S.) Fr.
carcharias (Pers.) Fr.
amianthina (Scop.) Fr.

Armillaria—

robusta (A. & S.) Fr.

melica (Fl.D.) Fr.

Tricholoma—

equestre (Linn.) Fr.
portentosum, Fr.
resplendens, Fr.
flavobrunneum, Fr.
albobrunneum (Pers.) Fr.
rutilans (Schæff.) Fr.
decorum (Fr.) Quél.
luteocitrinum, Rea.

imbricatum, Fr.
vaccinum (Pers.) Fr.
terreum (Schæff.) Fr.
saponaccum, Fr.
sulphureum (Bull.) Fr.
bufonium (Pers.) Fr.
album (Schæff.) Fr.
grammopodium (Bull.) Fr.

Clitocybe—

nebularis (Batsch) Fr.
clavipes (Pers.) Fr.
virens (Scop.) Fr. (= viridis With.).
odora (Bull.) Fr.
rivulosa (Pers.) Fr.
pithyophila, Fr.
fumosa (Pers.) Fr.
infundibuliformis (Schæff.) Fr.

geotropa (Bull.) Fr.
inversa (Scop.) Fr.
cyathiformis (Bull.) Fr.
concava (Scop.) Fr.
metachroa, Fr.
ditopa, Fr.
fragrans (Sow.) Fr.

Laccaria—

laccata (Scop.) Berk.

var. amethystina (Scop.) Berk.

Collybia—

radicata (Relhan) Fr.
platyphylla Fr.
semitalis, Fr.
butyracea (Bull.) Fr.
velutipes (Curt.) Fr.
conigena (Pers.) Fr.
cirrhata (Pers.) Fr.
tuberosa (Bull.) Fr.

xanthopa, Fr.
acervata, Fr.
dryophila (Bull.) Fr.
aquosa (Bull.) Fr.
rancida, Fr.
mephitica, Fr.
clusilis, Fr.

Mycena—

pelianthina (Pers.) Fr.
 Iris, Berk.
 rubromarginata, Fr.
 rosella, Fr.
 pura (Pers.) Fr.
 flavoalba Fr.
 lactea, Pers.
 rugosa, Fr.
 galericulata (Scop.) Pers.
 polygramma (Bull.) Pers.
 leptcephala, Pers.
 alcalina, Fr.
 ammoniaca, Fr.

umbellifera (Schæff.) Quél.
 stannea, Fr.
 filipes (Bull.) Fr.
 amicta, Fr.
 plumbea, Fr.
 acicula (Schæff.) Fr.
 hæmatopa, Pers.
 sanguinolenta (A. & S.) Fr.
 galopa, Pers.
 epipterygia (Scop.) Pers.
 vulgaris (Pers.) Fr.
 corticola (Schum.) Fr.

Omphalia—

rustica, Fr.
 umbellifera (Linn.) Fr.
 grisea, Fr.

fibula (Bull.) Fr.
 do. *var.* Swartzii, Fr.
 integrella (Pers.) Fr.

Pleurotus—

corticatus, Fr.
 porrigens (Pers.) Fr.

chioneus (Pers.) Fr.

Pluteus—

cervinus (Schæff.) Fr.
 salicinus (Pers.) Fr.

chrysophæus (Schæff.) Fr.

Entoloma—

lividum (Bull.) Fr.
 Bloxami, Berk.
 ameides, B. and Br.
 jubatum, Fr.

griseocyanum, Fr.
 rhodopolium, Fr.
 sericeum (Bull.) Fr.
 nidorosum, Fr.

Clitopilus—

prunulus (Scop.) Fr.

Leptonia—

lanpropa, Fr.
 serrulata, Fr.
 enchroa (Pers.) Fr.

sericella (Fr.) Quél.
 incana, Fr.

Nolanea

pascua (Pers.) Fr.
 piseiodora (Cesati) Fr.

icterina, Fr.

Claudopus—

variabilis (Pers.) W.Sm.

Pholiota—

caperata (Pers.) Fr.
 erebia, Fr.
 radicata (Bull.) Fr.
 spectabilis, Fr.

flammans, Fr.
 mutabilis (Schæff.) Fr.
 marginata (Batsch) Fr.
 pumila, Fr.

Inocybe—

hystrix, Fr.
 calamistrata, Fr.
 hirsuta (Lasch) Fr.
 dulemara (A. & S.) Fr.
 cincinnata, Fr.
 pyriodora (Pers.) Fr.
 obscura (Pers.) Fr.

haemacta, B. & Cke.
 rimosa (Bull.) Fr.
 eutheles, B. & Br.
 geophylla (Sow.) Fr.
 do. *var.* lilacina, Fr.
 cervicolor (Pers.) Quél.
 petiginosa (Fr.) Quél.

Hebeloma—

fastibile, Fr.
glutinosum (Lindgr.) Fr.
mesophæum, Fr.

crustuliniforme (Bull.) Fr.
do. *var.* (minor) Oke.

Flammula—

carbonaria, Fr.
alnicola, Fr.
inopa, Fr.

sapinea, Fr.
scamba, Fr.

Naucoria—

melinoides (Bull.) Fr.
badipes, Fr.

escharoides, Fr.

Galera—

tenera (Schæff.) Fr.
spartea, Fr.

hypnorum (Schrank) Fr.

Tubaria—

furfuracea (Pers.) W.Sm.

erebula, Fr.

Crepidotus—

alveolus (Lasch) Fr.

mollis (Schæff.) Fr.

Agaricus—

xanthoderma, Genév.
campestris, Linn.

campestris, *var.* silvicola, Vitt.
comtulus, Fr.

Stropharia—

æruginea (Curt.) Fr.
albocyanea (Desm.) Fr.
squamosa (Pers.) Fr.

stercoraria, Fr.
semiglobata (Batsch) Fr.

Hypholoma—

sublateritium, Fr.
capnoides, Fr.
fasciculare (Huds.) Fr.

dispersum, Fr.
appendiculatum (Bull.) Fr.

Psilocybe—

sarcocephala, Fr.
semilanceata, Fr.

foenisecii (Pers.) Fr.

Psathyra—

corrugis (Pers.) Fr.
bifrons, Berk.

seniivestita, B. & Br.
fibrillosa (Pers.) Fr.

Panaeolus—

sphinctrinus, Fr.
campanulatus (Linn.) Fr.

papilionaceus (Bull.) Fr.

Psathyrella—

gracilis, Fr.

atomata, Fr.

Coprinus—

atramentarius (Bull.) Fr.
cinereus (Schæff.) Fr.
niveus (Pers.) Fr.
micaceus (Bull.) Fr.

lagopus, Fr.
radiatus (Bolt.) Pers.
plicatilis (Curt.) Fr.

Bolbitius—

vitellinus (Pers.) Fr.

Cortinarius—

(Phlegmacium) triumphans, Fr.
 balteatus, Fr.
 varicolor (Pers.) Fr.
 largus (Buxbaum) Fr.
 infractus (Pers.) Fr.
 multiformis, Fr.
 purpurascens, Fr.
 subpurpurascens (Batsch) Fr.
 turbinatus (Bull.) Fr.
 fulgens (A. & S.) Fr.
 emollitus, Fr.
 (Myxacium) collinitus (Pers.) Fr.
 mucosus (Bull.) Fr.
 elatior, Fr.
 mucifluus, Fr.
 (Dermocybe) tabularis (Bull.) Fr.
 caninus, Fr.
 lepidopus, Cke.
 anomalus, Fr.

miltinus, Fr.
 cinnabarinus, Fr.
 cinnamomeus (Linn.) Fr.
 do. *var.* semisanguineus, Fr.
 cotoneus, Fr.
 (Telamonia) bivelus, Fr.
 annillatus, Fr.
 himmuleus (Sow.) Fr.
 brumeus (Pers.) Fr.
 hemitrichus (Pers.) Fr.
 rigidus (Scop.) Fr.
 paleaceus, Fr.
 (Hydrocybe) castaneus (Bull.) Fr.
 pateriformis, Fr.
 rigens (Pers.) Fr.
 leucopus (Pers.) Fr.
 decipiens (Pers.) Fr.
 obtusus, Fr.

Gomphidius—

glutinosus (Schæff.) Fr.
 viscidus (Linn.) Fr.

gracilis, Berk.

Paxillus—

giganteus (Sow.) Fr.
 involutus (Batsch) Fr.

atrotomentosus (Batsch) Fr.

Hygrophorus—

eburneus (Bull.) Fr.
 cossus (Sow.) Fr.
 hypothejus, Fr.
 agathosmus, Fr.
 pratensis (Pers.) Fr.
 virgineus (Wulf) Fr.
 niveus (Scop.) Fr.
 russocoriaceus, B. & Br.
 ceraceus (Wulf) Fr.

coccineus (Schæff.) Fr.
 miniatus, Fr.
 turundus, Fr.
 do. *var.* mollis, B. & Br.
 puniceus, Fr.
 obrusseus, Fr.
 conicus (Scop.) Fr.
 chlorophanus, Fr.
 nitratu (Pers.) Fr.

Lactarius—

serobiculatus (Scop.) Fr.
 torminosus (Schæff.) Fr.
 turpis (Weinn.) Fr.
 pubescens, Fr.
 blennius, Fr.
 uvidus, Fr.
 pyrogalus (Bull.) Fr.
 vellereus, Fr.
 deliciosus (Linn.) Fr.
 sanguifluus, Fr.

quietus, Fr.
 aurantiacus (Fl.D.) Fr.
 vietus, Fr.
 rufus (Scop.) Fr.
 do. *var.* exumbonatus, Boud.
 glyciosmus, Fr.
 fuliginosus, Fr.
 mitissimus, Fr.
 subdulcis (Bull.) Fr.

Russula—

nigricans (Bull.) Fr.
 delica (Vaill.) Fr.
 chloroides (Kromb.) Bres.
 furcata (Lam.) Pers.
 depallens (Pers.) Fr.
 caerulea (Pers.) Fr.
 rubra (DC.) Fr.
 cyanoxantha (Schæff.) Fr.

galochroa, Fr.
 foetens, Pers.
 drimeia Cke. (= expallens Gillet).
 fragilis (Pers.) Fr.
 do. *var.* violacea, Qué!, and *var.*
 nivea (Pers.)
 integra (Linn.) Fr.
 nitida (Pers.) Fr.

Russula—*continued*.

puellaris, Fr.
alutacea, Pers.

lutea (Huds.) Fr.
armeniaca, Cke.

Cantharellus—

cibarius, Fr.
aurantiacus (Wulf) Fr.
tubaeformis (Bull.) Fr.

infundibuliformis (Scop.) Fr.
cupulatus, Fr.
muscigenus (Bull.) Fr.

Nyctalis—

parasitica (Bull.) Fr.

Marasmius—

peronatus (Bolt.) Fr.
oreades (Bolt.) Fr.
ramealis (Bull.) Fr.

androsaceus (Linn.) Fr.
epiphyllus, Fr.

Panus—

torulosus (Pers.) Fr.

stipticus (Bull.) Fr.

Trogia—

crispa (Pers.) Fr.

Lenzites—

betulina (Linn.) Fr.

Boletus—

luteus, Linn.
elegans, Schum.
bovinus, Linn.
badius, Fr.
piperatus, Bull.
variegatus, Swartz.
chrysenteron, Bull.

subtomentosus, Linn.
pruinatus, Fr.
edulis, Bull.
luridus, Schæff.
laricinus, Berk.
versipellis, Fr.
seaber, Bull.

Fistulina—

hepatica (Huds.) Fr.

Polyporus—

brumalis (Pers.) Fr.
Schweinitzii, Fr.
perennis (Linn.) Fr.
squamosus (Huds.) Fr.
umbellatus (Pers.) Fr.

adustus (Willd.) Fr.
amorphus, Fr.
borealis (Wahl.) Fr.
betulinus (Bull.) Fr.

Fomes—

applanatus (Pers.) Wallr.
nigricans, Fr.

igniarius (Linn.) Fr.
annosus, Fr.

Polystictus—

radiatus (Sow.) Fr.
versicolor (Linn.) Fr.

abietinus (Dicks.) Fr.

Poria—

terrestris (DC.) Fr.
mneida, Pers.

mollusca (Pers.) Fr.

Daedalea—

quercina (Linn.) Pers.

Merulius—

tremellosus, Schrad.

lacrymans (Wulf.) Schum.

Hydnum—

imbricatum, Linn.

repandum, Linn.

do. *var.* rufescens, Pers.

auriscalpium, Linn.

nudum, Fr.

niveum, Pers.

Irpex—

obliquus (Schrad.) Fr.

Radulum—

quercinum (Pers.) Fr.

Grandinia—

granulosa (Pers.) Fr.

Craterellus—

cornucopioides (Linn.) Pers.

Thelephora—

laciniata, Pers.

Stereum—

purpureum, Pers.

hirsutum (Willd.) Pers.

sanguinolentum (A. & S.) Fr.

rugosum, Pers.

Peniophora—

quercina (Pers.) Cke.

gigantea (Fr.) Cke.

cinerea (Pers.) Cke.

Corticium —

sanguineum, Fr.

calceum (Pers.) Fr.

nudum, Fr.

Coniophora—

puteana (Schum.) Fr.

Sparassis—

crispa (Wulf.) Fr.

laminosa, Fr.

Clavaria—

cristata (Holmsk.) Pers.

rugosa, Bull.

abietina, Pers.

fusiformis, Sow.

pistillaris, Linn.

Typhula—

erythropus (Pers.) Fr.

Pistillaria—

puberula, Berk.

Tremella—

mesenterica, Retz.

tubercularia, Berk.

Ulocolla—

foliacea (Pers.) Bref.

Exidia—

albida (Huds.) Bref.

Calocera—

viscosa (Pers.) Fr.

cornua (Batsch) Fr.

stricta, Fr.

Dacrymyces—

stillatus, Nees.

deliquescens (Bull.) Duby.

Scleroderma—

vulgare, Fl.D.

Cyathus—

striatus (Huds.) Hoffm.

Crucibulum—

vulgare, Tul.

Sphærobohus—

stellatus, Tode.

Lycoperdon—

hiemale, Bull. (= depressum Bon.)

perlatus (Pers.) Scop.

pyriforme, Schæff.

do. *var.* excipuliforme Desm.

umbrinum, Pers.

Bovista—

nigrescens, Pers.

Uromyces—

fabæ (Pers.) Cke.

orobi (Pers.) Wint.

trifolii (A. & S.) Wint.

anthyllidis (Grev.) Schröt.

alchemillæ (Pers.) Wint.

Puccinia—

galii (Pers.) Wint.

lapsanæ (Schultz.) Eckl.

variabilis, Grev.

pulverulenta, Grev.

violæ (Schum.) Wint.

pinipinellæ (Strauss) Wint.

primulæ (DC.) Grev.

rubigo-vera (DC.) Wint.

suaveolens (Pers.) Wint.

centaureæ, Mart.

oblongata (Link) Wint.

arenariæ (Schum.) Wint.

malvacearum, Mont.

circaeæ, Pers.

annularis (Strauss) Wint.

Phragmidium—

fragariastrum (DC.) Schröt.

violaceum (Schultz.) Wint.

subcorticatum (Schränk) Wint.

rubi-idæi (Pers.) Wint.

Gymnosporangium—

juniperinum (Linu.) Wint.

Melampsora—

farinosa (Pers.) Wint.

betulina (Pers.) Desm.

vacciniorum (Link) Schröt.

cerastii (Pers.) Wint.

Coleosporium

senecionis (Pers.) Wint.

tussilaginis (Pers.) Lév.

campanulæ (Pers.) Wint.

euphrasiæ (Schum.) Wint.

Aecidium—

strobilinum (A. & S.) Wint.

Synchytrium—

succeisæ, de Bary & Woronin.

Mucor—

caninus, Pers.

erectus, Bain.

Spinellus—

fusiger (Link.) Van Tiegh.

Pilaira—

anomala (Ces.) Van Tiegh.

Pilobolus—

crystallinus (Wiggers) Tode.

Phytophthora—

infestans (Mont.) de Bary.

Cystopus—

candidus (Pers.) Lév.

Bremia—

lactuæ, Regel.

Peronospora—

urticæ (Lib.) de Bary.

Protomyces—

macrosporus, Ung.

pachydermus, Thüm.

Tilletia—

decipiens (Pers.) Körn.

Schinzia—

alni, Woronin.

Podosphæra—

myrtillina (Schubert) Kunze. New to Britain.

Erysiphe—

martii, Lév.

cichoracearum, DC.

umbelliferarum, de Bary.

Microsphæra—

grossulariæ (Wallr.) Lév.

Uncinula—

aceris (DC.) Sacc.

Asterina—

veronicæ (Lib.) Cke.

Gibberella—

pulicaris (Fr.) Sacc.

Hypocrea—

rufa (Pers.) Fr.

fungicola, Karst.

Cordyceps—

ophioglossoides (Ehrh.) Link.

Chætomium—

bostrychoides, Zopf.

Sordaria—

fimicola, Ces & de Not. var. canina (Karst.) Boyd.

Podospora—

decipiens, Wint.

minuta (Fckl.) Wint.

Sporormia—

minima, Auersw.

Leptospora—

spermoides (Hoffm.) Fekl.

Melanomma—

pulvis-pyrius (Pers.) Fekl.

Cucurbitaria—

berberidis (Pers.) Gray.

Stigmatea—

robertiani, Fr.

Sphærella—

vaccinii, Cke.

Læstadia—

faginea (Awd.) Cke. & Phil.

Venturia—

(= Sphærella), rumicis (Desm.) Cke.

Leptosphæria—

acuta (Moug.) Karst.

Massaria—

inquinans (Tode) Fr.

Diaporthe—

nucleata (Cur.) Sacc.

Eutypa—

lata (Pers.) Tul.

Valsa—

ambiens (Pers.) Fr.

Cryptospora—

suffusa (Fr.) Tul.

betulæ, Tul.

Melanconis—

stilbostoma (Fr.) Tul.

Melogramma—

(= Sillia) ferrugineum (Pers.) Ces & de Not.

Diatrype—

stigma (Hoffm.) de Not.

Hypoxyton—

fuscum (Pers.) Fr.

Ustulina—

vulgaris, Tul.

Xylaria—

hypoxyton (Linn.) Grev.

Phyllachora—

junci (Fr.) Fekl.

podagrarie (Roth.) Karst.

Dothidea—

tetraspora, B. & Br.

ribesia (Pers.) Fr.

Rhopographus—

pteridis (Sow.) Wint.

Curreyella—

aucupariæ, A.L.Sm.

Elaphomyces—

cervinus (Pers.) Schröter (= granulatus, Fr.)

Spathularia—

clavata (Schæff.) Sacc.

Leotia—

lubrica, Pers.

Helvella—

lacunosa, Afzel.

elastica, Bull.

Rhizina—

inflata (Schæff.) Karst.

Otidea—

leporina (Batsch) Fekl.

aurantia (Pers.) Mass.

Peziza—

sepiatra, Cke.

badia, Pers.

Humaria—

carbonigena (Berk.) Sacc.

melaloma (Fekl.) Mass.

violacea (Pers.) Sacc.

Dasyscypha—

calycina (Schum.) Fekl.

Lachnea—

scutellata (Linn.) Gill.

hemispherica (Wigg.) Gill.

Chlorosplenium—

arginosum (Oed.) de Not.

Ciboria—

ochroleuca (Bolt.) Mass.

Helotium—

clarotlavum (Grev.) Berk.

citrinum (Hedw.) Fr.

calyculus (Sow.) Berk.

epiphyllum (Pers.) Fr.

Mollisia—

rubri (Fr.) Karst.

Pseudopeziza—

trifolii (Bern.) Fekl.

cerastiorum (Wallr.) Fekl.

Ascophanus—

Carneus, Boud.

Ascobolus—

vinosus, Berk.

- Coryne**—
 urnalis (Nyl.) Karst. sarcoides (Jacq.) Tul.
- Bulgariella**—
 pulla (Fr.) Karst.
- Bulgaria**—
 polymorpha (Oeder) Wettstein.
- Propolis**—
 rhodoleuca (Sommf.) Fr.
- Stictis**—
 radiata (Linn.) Pers. fimbriata, Schwein. New to
 Britain.
- Ephelina**—
 prunellæ, Phill.
- Rhytisma**—
 acerinum (Pers.) Fr. salicinum (Pers.) Fr.
 punctatum (Pers.) Fr.
- Trochila**—
 craterium (DC.) Fr. lauro-cerasi (Desm.) Fr.
- Coccomyces**—
 quadratus (Schm. & Kunze) Karst.
- Dichaena**—
 quercina (Pers.) Fr.
- Lophodermium**—
 cladophilum (Lév.) Rehm. juniperinum (Fr.) de Not.
 pinastri (Schrad.) Chev.
- Hypoderma**—
 virgultorum, DC. conigenum (Pers.) Cke.
- Phyllosticta**—
 mahoniana (Sacc.) New to Britain. teuerii, Sacc. & Speg.
 sambuci, Desm.
- Actinonema**—
 rosæ (Lib.) Fr.
- Septoria**—
 hyperici, Desm. stachydis, Rob. & Desm.
 stellarie, Rob. & Desm. urticæ, Desm. & Rob.
 podagariæ, Lasch.
- Camarosporium**—
 macrosporum (B. & Br.) Sacc.
- Gloeosporium**—
 betulæ (Lib.) Mont. umbrinellum, B. & Br.
 fagi (Desm. & Rob.) West. ribis (Lib.) Mont. & Desm.
 paradoxum (de Not.) Fekl.
- Melanconium**—
 bicolor, Nees. sphaeroideum, Link.
- Asterosporium**—
 Hoffmanni, Kunze.

Staganosporium—
piriforme, Hoffm.

Monilia—
humicola, Oedm., var. brunnea, A.L.Sm. New variety.

Oidium—
monilioides (Nees) Link. erysiphoides, Fr.

Trichoderma—
lignorum (Tode) Harz.

Sepedonium—
chrysospermum (Bull.) Fr.

Ovularia—
obliqua (Cke.) Oud. veronicæ (Fekl.) Sacc.

Didymaria—
didyma (Unger) Schröt. (= Ungeri) Cda.

Ramularia—
ajugæ (Niessl) Sacc. variabilis, Fekl.
calcea (Desm.) Ces. urticæ, Ces.

Cercospora—
mercurialis, Fekl.

Coniothecium—
betulinum, Cda.

Isaria—
farinosa (Dicks.) Fr.

Tilachlidium—
subulatum, A.L.Sm. Genus new to Britain.

Stilbum—
tomentosum, Schr. erythrocephalum, Ditm.

Tubercularia—
vulgaris, Tode.

*Mycetozoa.**

Ceratiomyxa—
mucida, Schroet. *Balmacraan*.

Physarum—
nutans, Pers., abundant. viride, Pers. *Beaufort* and *Borlum*
 Woods.

Fuligo
septica, Gmel. *Beaufort*.

Stemonitis—
fusca, Roth. *Beaufort*.

Comatricha—
obtusata, Preuss. *Balmacraan*.

* These were determined by Miss Gulielma Lister, F.L.S., and W. B. Allen.

Cribraria—

pyriformis, Schrad. *Dunballoch* near *Beaufort*. (First record for Scotland.)

Tubulina—

fragiformis, Pers., abundant.

Enteridium—

olivaceum, Ehr. *Beaufort*.

Trichia—

affinis, de Bary. *Balmacuan*. fallax, Pers. *Balmacuan*.
 varia, Pers. *Beaufort*.

Arcyria—

ferruginea, Sauter. *Dunballoch*, near *Beaufort*.
 incarnata, Pers. *Beaufort*.

Dianema—

corticatum, List. *Beaufort* and *Borlum* (Third British record).

Lycogala—

miniatum, Pers. *Beaufort*.

Myxobacteriaceae.

Myxococcus—

pyriformis A.L.Sm. *Beaully Woods*.

